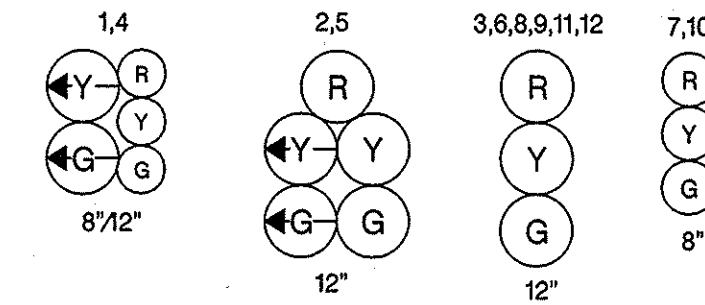
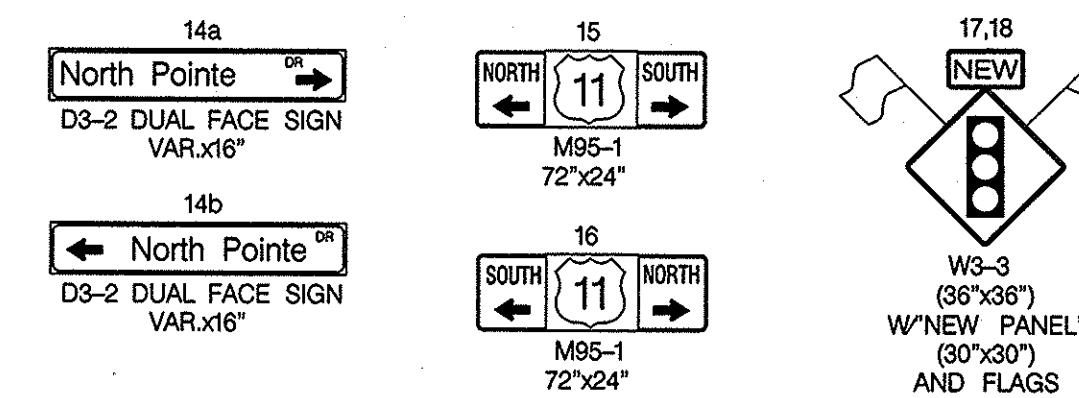


NORTH POINTE DRIVE (FORMERLY LONGMEADOW ROAD)

PROPOSED SIGNALS



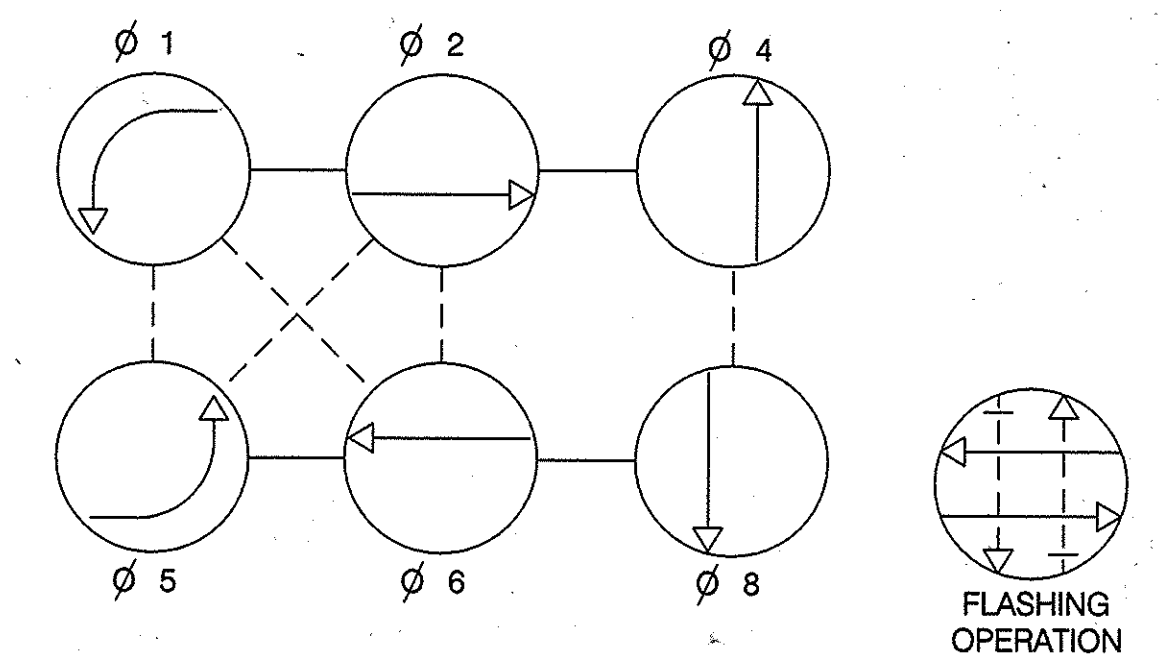
PROPOSED SIGNS



PROPOSED VIDEO DETECTION CAMERAS



NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

- INSTALL 16.5 FT. MAST ARM POLE WITH A 60 FT. MAST ARM, AND A 15 FT. 'T' DIMENSION, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA. (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- INSTALL 16.5 FT. MAST ARM POLE WITH A 38 FT. MAST ARM, AND A 15 FT. 'T' DIMENSION, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA. (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 3-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- INSTALL ELECTRICAL HANDHOLE
- INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - SLOTTED
- INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- VIDEO DETECTION ZONE
- INSTALL 4 IN. SCHEDULE 80, RIGID ELECTRICAL CONDUIT TRENCHED WITH 1 FT. STUB AT THE WOOD POLE FOR PROPOSED UNDERGROUND ELECTRIC SERVICE
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- INSTALL METER SERVICE PEDESTAL
- INSTALL W3-3 SIGN WITH "NEW" PANEL AND FLAGS ON TWO 4 IN. X 6 IN. WOOD POSTS APPROXIMATELY 500 FT. IN ADVANCE OF THE INTERSECTION.
- INSTALL 5 IN. DOUBLE YELLOW HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING. (50' LENGTH)
- INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- CUT, CLEAN, GALVANIZE AND CAP MAST ARM.
- INSTALL 27 FT. MAST ARM POLE WITH A 60 FT. MAST ARM, AND A 15 FT. 'T' DIMENSION, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERA. (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- INSTALL MD SHA STANDARD SIDEWALK RAMP WITH DETECTABLE WARNING SURFACE
- 4 IN CONDUIT (SEE INTERCONNECT PLAN)
- HANDHOLE (SEE INTERCONNECT PLAN)
- INSTALL MICRO-LOOP PROBE
- INSTALL 1 IN. LIQUID-TIGHT, NON-METALLIC CONDUIT-DETECTION SLEEVE.
- INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED

PROPOSED GEOMETRICS

RIGHT-OF-WAY LINE

PROPOSED GEOMETRICS

RIGHT-OF-WAY LINE

RIGHT-OF-WAY LINE

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RIGHT-OF-WAY LINE

RIGHT-OF-WAY LINE

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- INSTALL CONDUIT PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
- REMOVE EXISTING "STOP" SIGN ON NORTH POINTE DRIVE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	_____	A
ELECTRICAL	_____	E
TELEPHONE	_____	T
GAS	_____	G
SEWER	_____	S
WATER	_____	W
CABLE TV	_____	TV

UTILITY HEIGHTS

1	CATV = 19' - 1"
	GUY = 25' - 8"
	PRIMARY = 33' - 0"
2	CATV = 19' - 10"
	GUY = 26' - 0"
	PRIMARY = 33' - 0"

TRAFFIC CONCEPTS, INC.
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FAX (410) 923-6473
EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

APPROVALS

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS

1	INSTALL NEW SIGNAL WITH INTERCONNECT
2	REMOVE EXISTING SIGNAL

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 11 (PENNSYLVANIA AVE.) AND
NORTH POINTE DRIVE
HAGERSTOWN, MARYLAND

SCALE 1" = 20'	DATE 1-26-72	CONTRACT NO. W552X-675
DESIGNED BY L.T.	COUNTY WASHINGTON	
DRAWN BY L.T.	LOGMILE 21011010.07	
CHECKED BY	T.I.M.S. NO. 1070	
F.A.P. NO. NA	TOD NO.	
DRAWING NO. TS-260 G	SHEET NO. 1	OF 4